

What is claimed is:

1. A clip for mounting a heat sink to an electronic device providing a locking block, the clip comprising:  
a handle adapted for pivotably attaching to the heat sink; and  
a ring, one end of the ring pivotably attached to the handle and an opposite end of the ring adapted for engaging with the locking block, wherein  
when the handle is pivoted in a first direction the ring is moved to engage with locking block and when the handle is pivoted in a second direction the ring is moved to disengage from the locking block, the second direction being opposite to the first direction.
2. The clip as claimed in claim 1, wherein the handle comprises a pair of first tabs inwardly formed at one end portion thereof, and a shaft is connected between the first tabs and adapted for received in a pivot slot of the heat sink.
3. The clip as claimed in claim 2, wherein the first tabs defines a pair of coaxial holes and the shaft is rotatably received in the holes.
4. The clip as claimed in claim 2, wherein the handle further comprises an operating portion formed at an opposite end thereof by bending the opposite end outwardly.
5. The clip as claimed in claim 2, wherein the handle further comprises a pair of second tabs outwardly formed therefrom adjacent to the first tabs, the second tabs define a pair of coaxial holes, and the ring comprises a pair of pivot portions at said one end extending through the holes respectively.
6. The clip as claimed in claim 5, wherein the ring has an approximate rectangular structure, said one end being an opening end of the structure and said opposite end being a closed end of the structure.
7. The clip as claimed in claim 6, wherein the ring is made by bending a wire.

8. A heat dissipating device assembly comprising:
  - an electronic device providing a pair of locking means on opposite sides thereof;
  - a heat sink attached on the electronic device, the heat sink comprising a plurality of fins having a pair of outmost fins on opposite sides of the heat sink; and
  - a pair of clips for securing the heat sink to the electronic device, each clip comprising a handle pivotably connected to a corresponding outmost fin and a ring connected to the handle, wherein the handle of each clip is pivotable about the corresponding outmost fin between a first position at which the ring is engaged with the locking means and a second position at which the ring is disengaged from the locking means.
9. The heat dissipating device assembly as claimed in claim 8, wherein each outmost fin outwardly forms a protrusion defining a slot, and the clip provides a shaft received in the slot for pivotably attaching the clip to the heat sink.
10. The heat dissipating device assembly as claimed in claim 9, wherein the protrusion further defines a guiding entrance above and in communication with the slot for facilitating the pivot to enter the slot.
11. The heat dissipating device assembly as claimed in claim 9, wherein the handle comprises a pair of first tabs inwardly formed at one end portion thereof, and the pivot is connected between the first tabs.
12. The heat dissipating device assembly as claimed in claim 11, wherein the first tabs defines a pair of coaxial holes and the pivot is rotatably and detachably received in the holes.
13. The heat dissipating device assembly as claimed in claim 11, wherein the handle further comprises a pair of second tabs outwardly formed therefrom

adjacent to the first tabs, the second tabs define a pair of coaxial holes, and the ring comprises a pair of pivot portions extending through the holes respectively.

14. The heat dissipating device assembly as claimed in claim 13, wherein the ring has an approximate rectangular shape and comprises an opening end at which the pivot portions are formed and a closed end opposing the opening end and engaging with the locking means when the handle is located at the second position.
15. The heat dissipating device assembly as claimed in claim 14, wherein the ring is made by bending a wire.
16. The heat dissipating device assembly as claimed in claim 8, wherein the electronic device comprises a socket and an electronic component mounted on the socket.
17. The heat dissipating device assembly as claimed in claim 16, wherein the locking means is a locking block having a concave bottom surface.
18. A heat dissipating device assembly comprising:
  - an electronic device subassembly providing a pair of locking means on opposite sides thereof;
  - a heat sink arranged on the electronic device subassembly; and
  - a pair of clips located on opposite sides of the heat sink for securing the heat sink to the electronic device, each clip comprising a handle moveably located on a side thereof for connecting the handle to the heat sink, and latching means pivotably attached to an opposite side of the handle for engaging with the electronic device assembly, whereinthe handle of each clip is pivotable about the heat sink between a first position at which the latching means is engaged with the locking means and a second position at which the latching means is disengaged from the locking

means.

19. The assembly as claimed in claim 18, wherein said handle defines a pivotal shaft and the heat sink defines an upward guiding entrance to allow said pivotal shaft to downwardly pass therethrough until reaching a final position during assembling and also upwardly pass therethrough to fully remove the clip from the heat sink during disassembling.